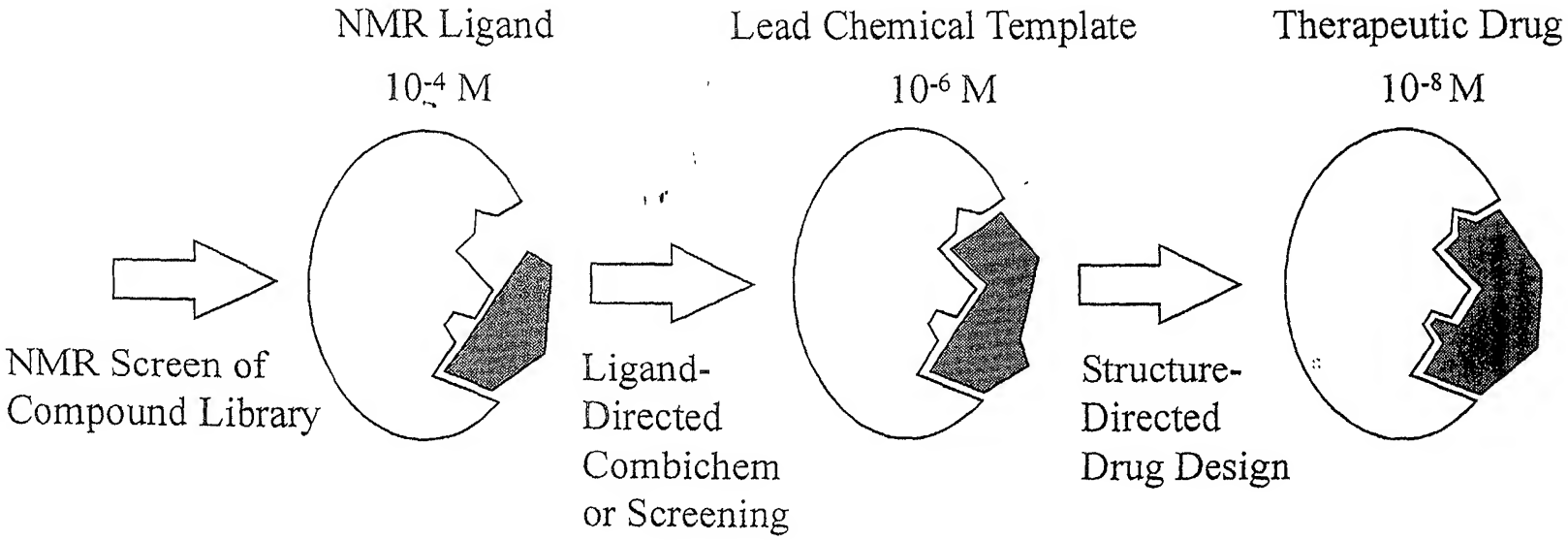
FOSTER 6283NCP2

Figure 1



Title: METHODS FOR CREATING A COMPOUND LIBRARY
Applicant(s): Stockman et al.
Serial No.: Unassigned
Express Mail No.: EL882714891US
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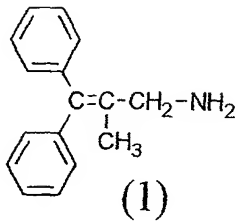
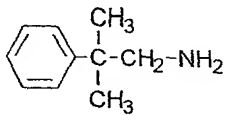
Figure 2

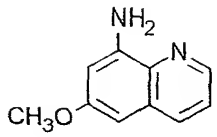
Figure 3


C=C-CH2-NH2
CH3

(1)


CH3
C-CH2-NH2
CH3

(2)


NH2
N
CH3O

(3)

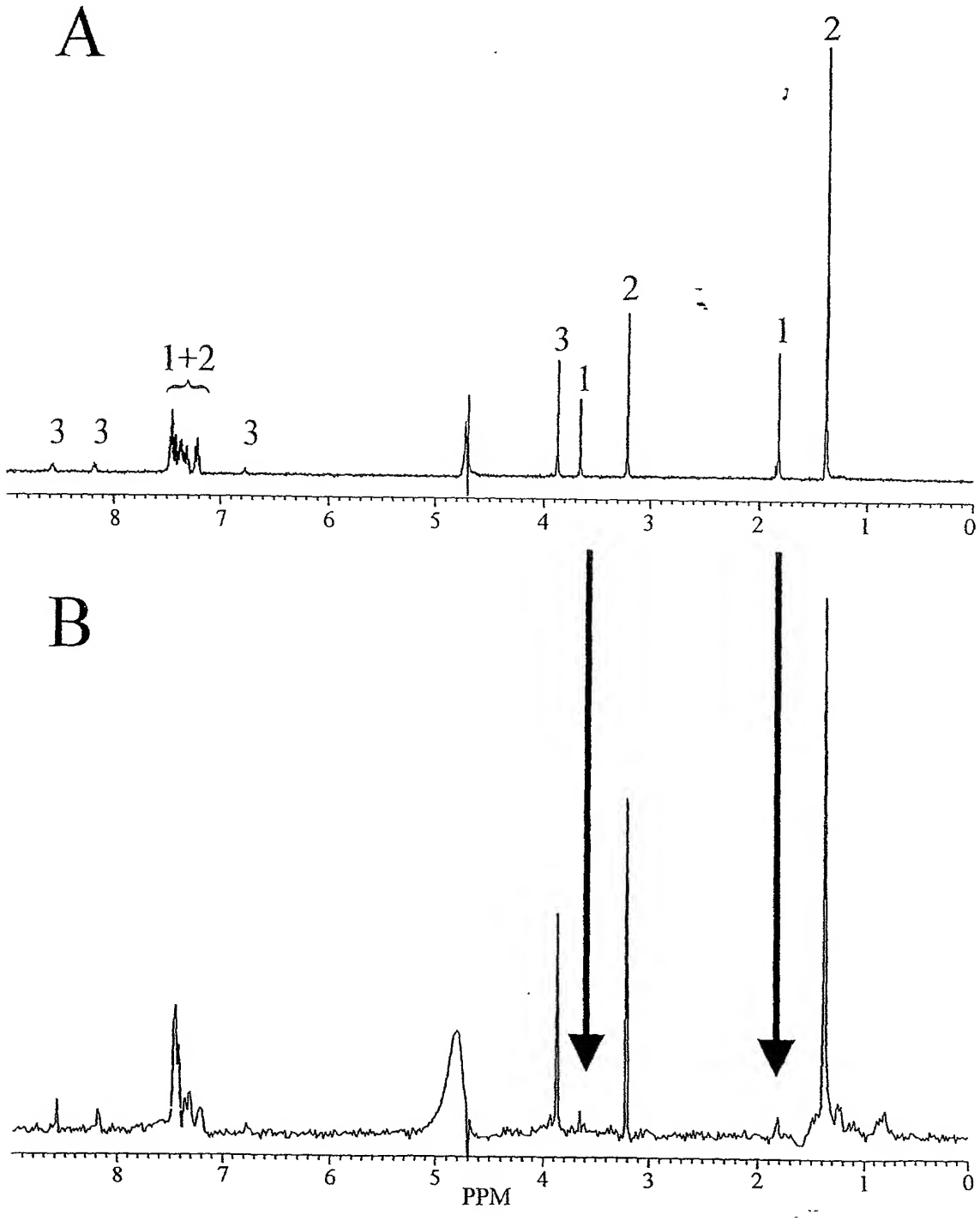
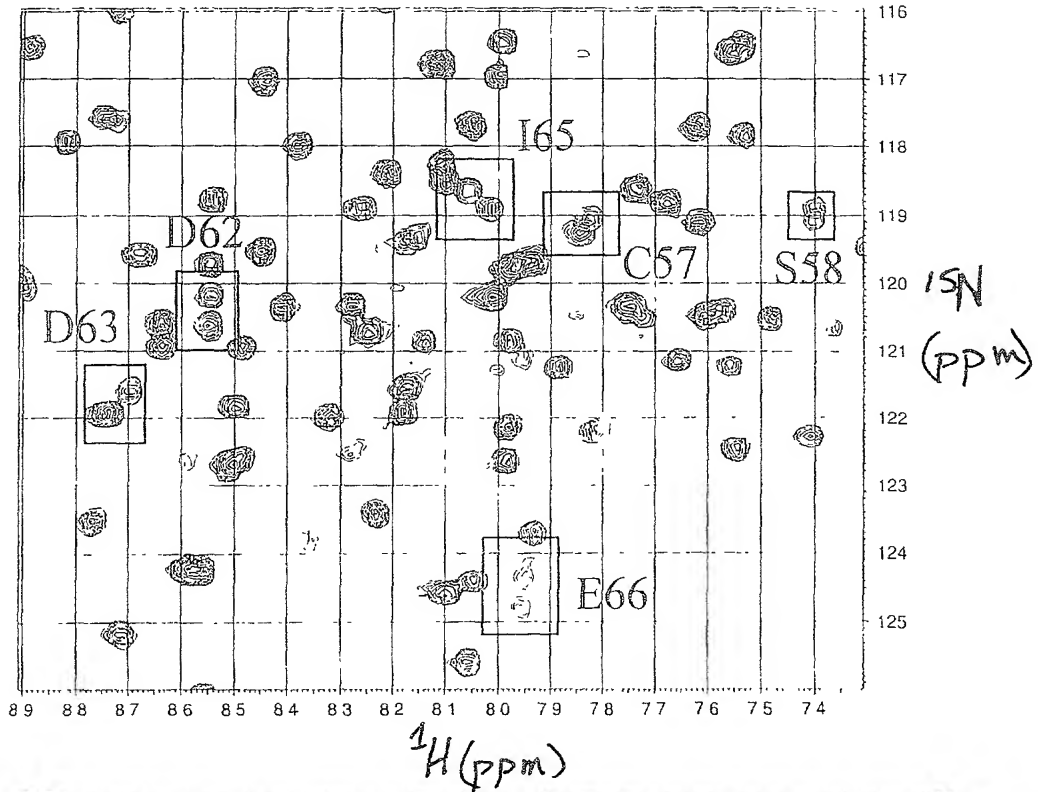

A
1+2
3 3
3
3
1
2
1
2
8 7 6 5 4 3 2 1 0
B
8 7 6 5 4 3 2 1 0
PPM

Figure 4

A


I65
D62
C57
S58
D63
E66
116
117
118
119
120
121
122
123
124
125
15N (ppm)
89 88 87 86 85 84 83 82 81 80 79 78 77 76 75 74
1H (ppm)

B

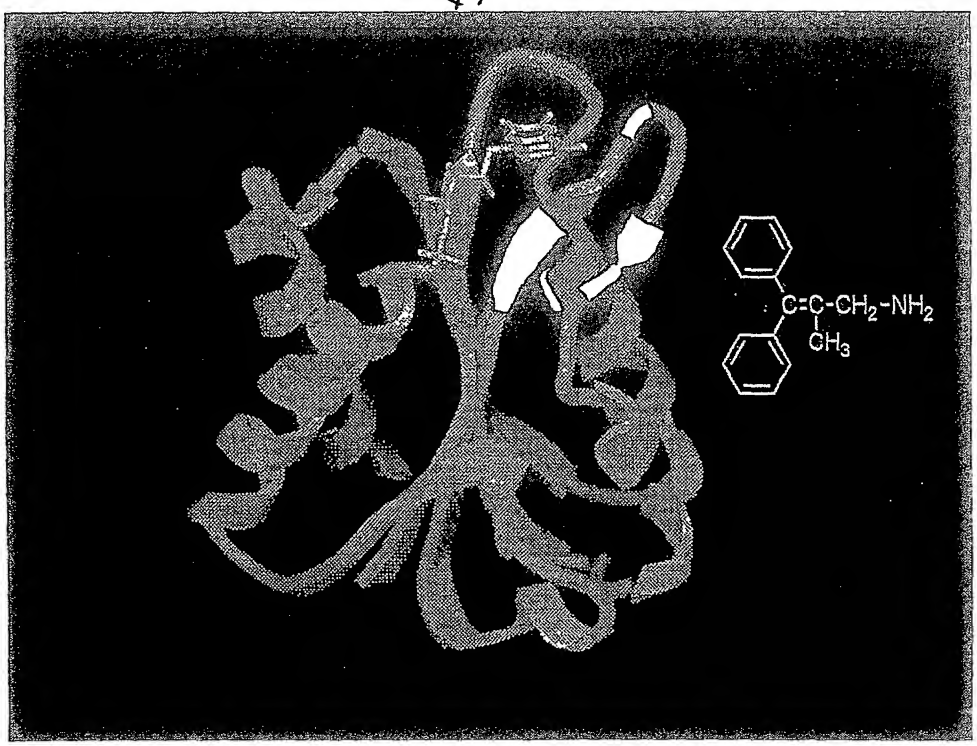

C=C-CH2-NH2
CH3

Figure 5

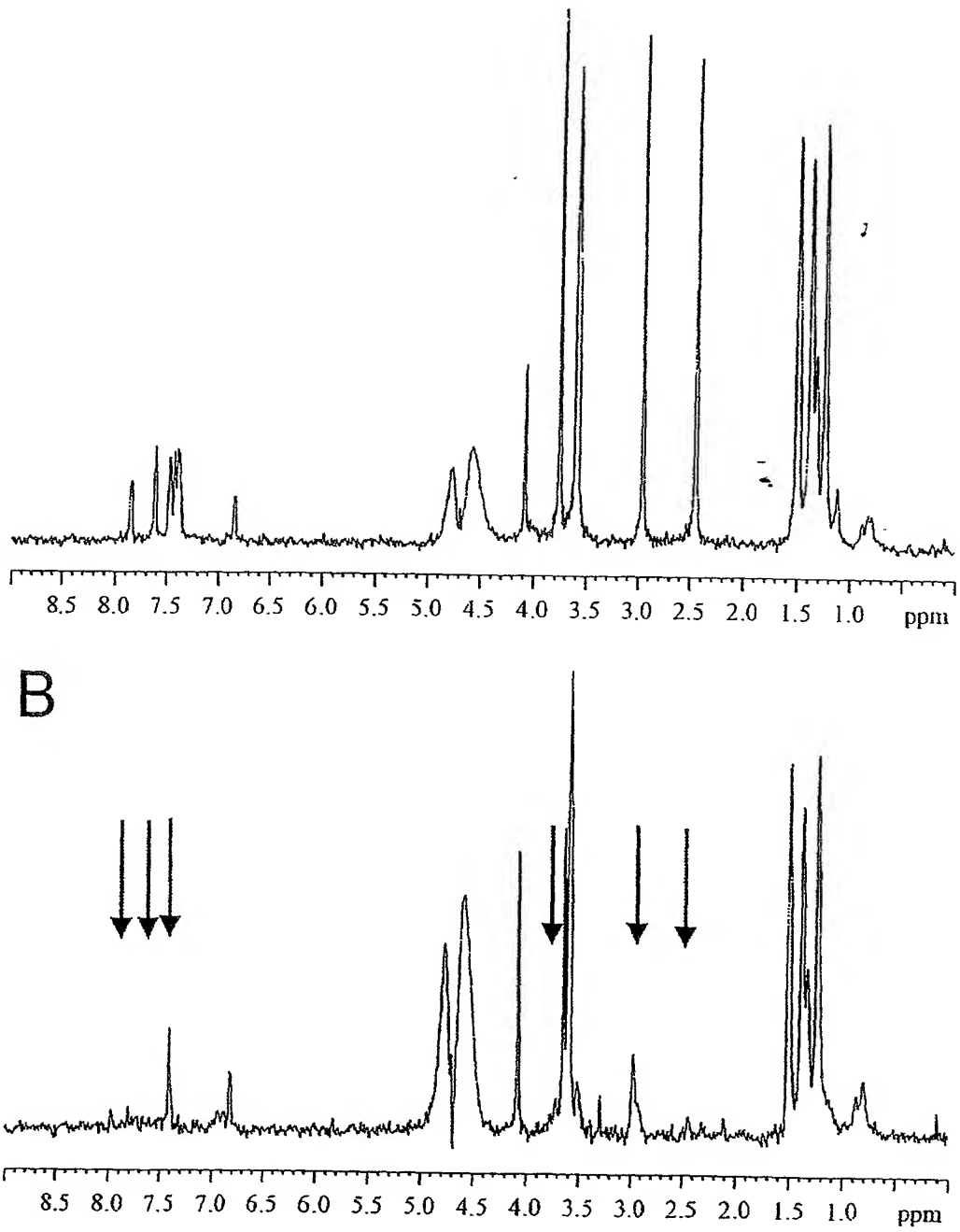

A
8.5 8.0 7.5 7.0 6.5 6.0 5.5 5.0 4.5 4.0 3.5 3.0 2.5 2.0 1.5 1.0 ppm
B
8.5 8.0 7.5 7.0 6.5 6.0 5.5 5.0 4.5 4.0 3.5 3.0 2.5 2.0 1.5 1.0 ppm

Figure 6

Ligand A IC50 ~ 9.0 x 10-5 M
Ligand B IC50 = 1.8 x 10-5 M
Ligand C IC50 = 1.8 x 10-5 M
Ligand D IC50 = 1.2 x 10-5 M
Ligand E IC50 = 3.2 x 10-6 M
Ligand A NMR Kd ~ 1.4 x 10-4 M

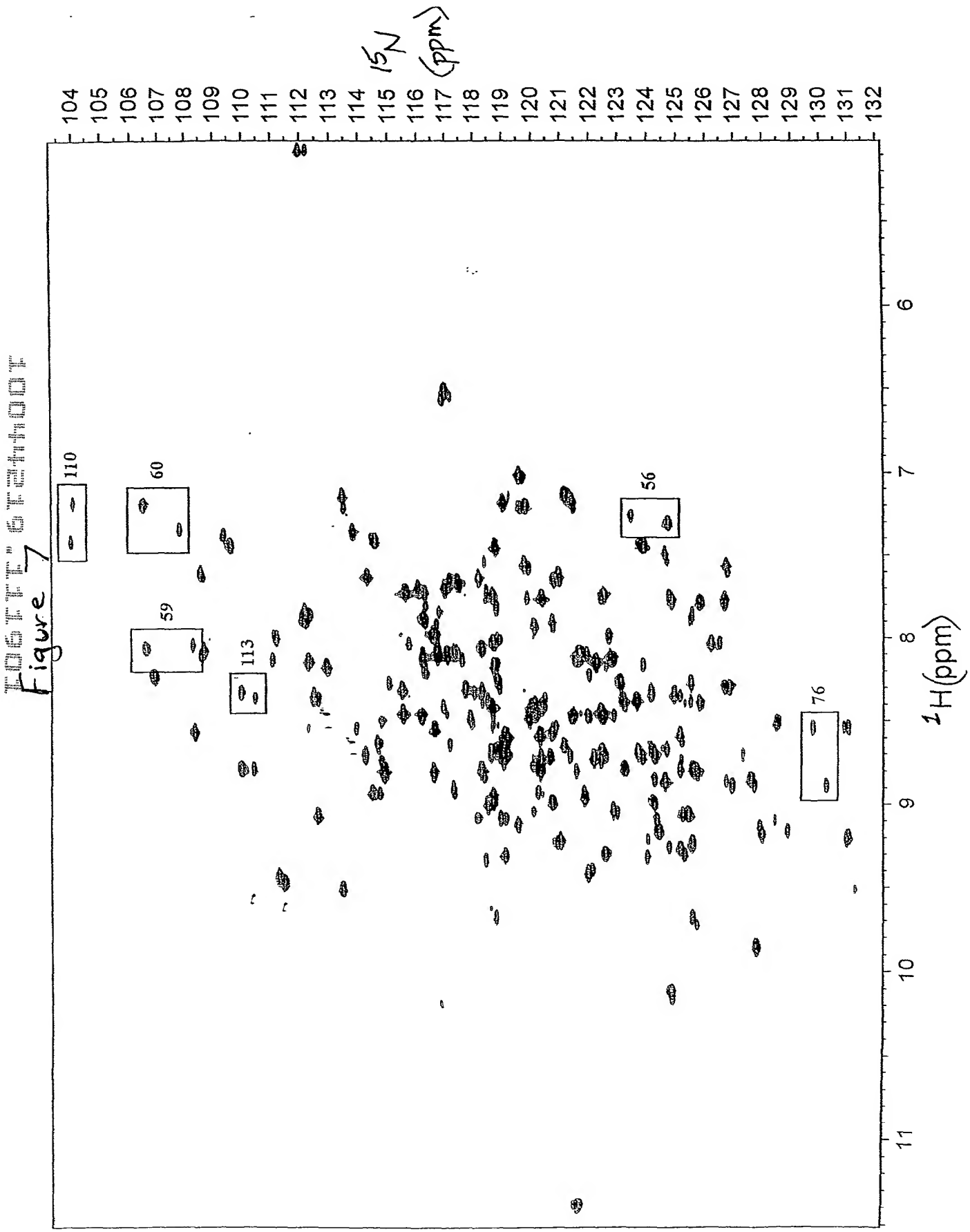


Fig 7 of 7 sheets
Figure 7

TOGETT" 6T24hh0T

Figure 8

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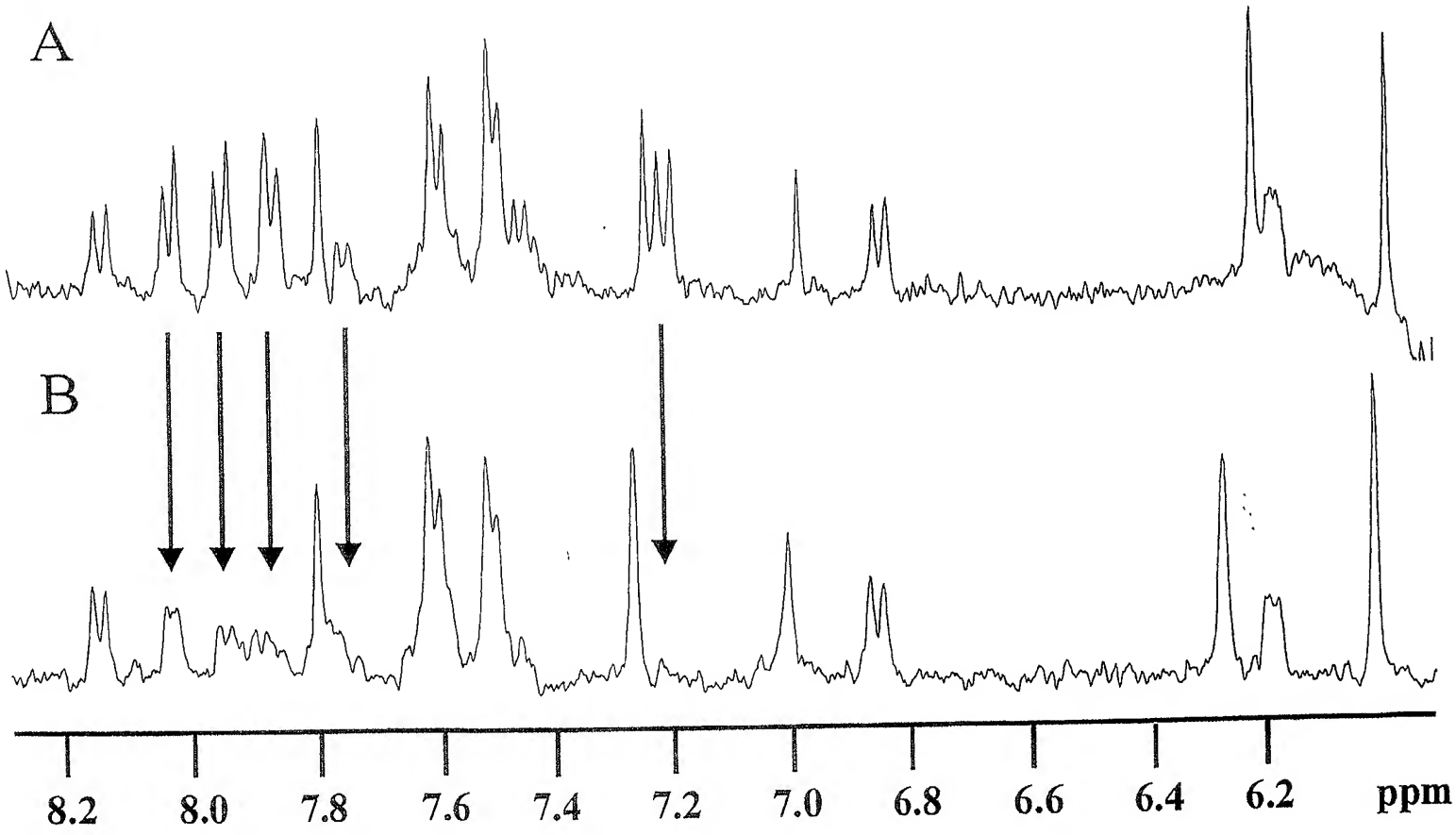

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Figure 9

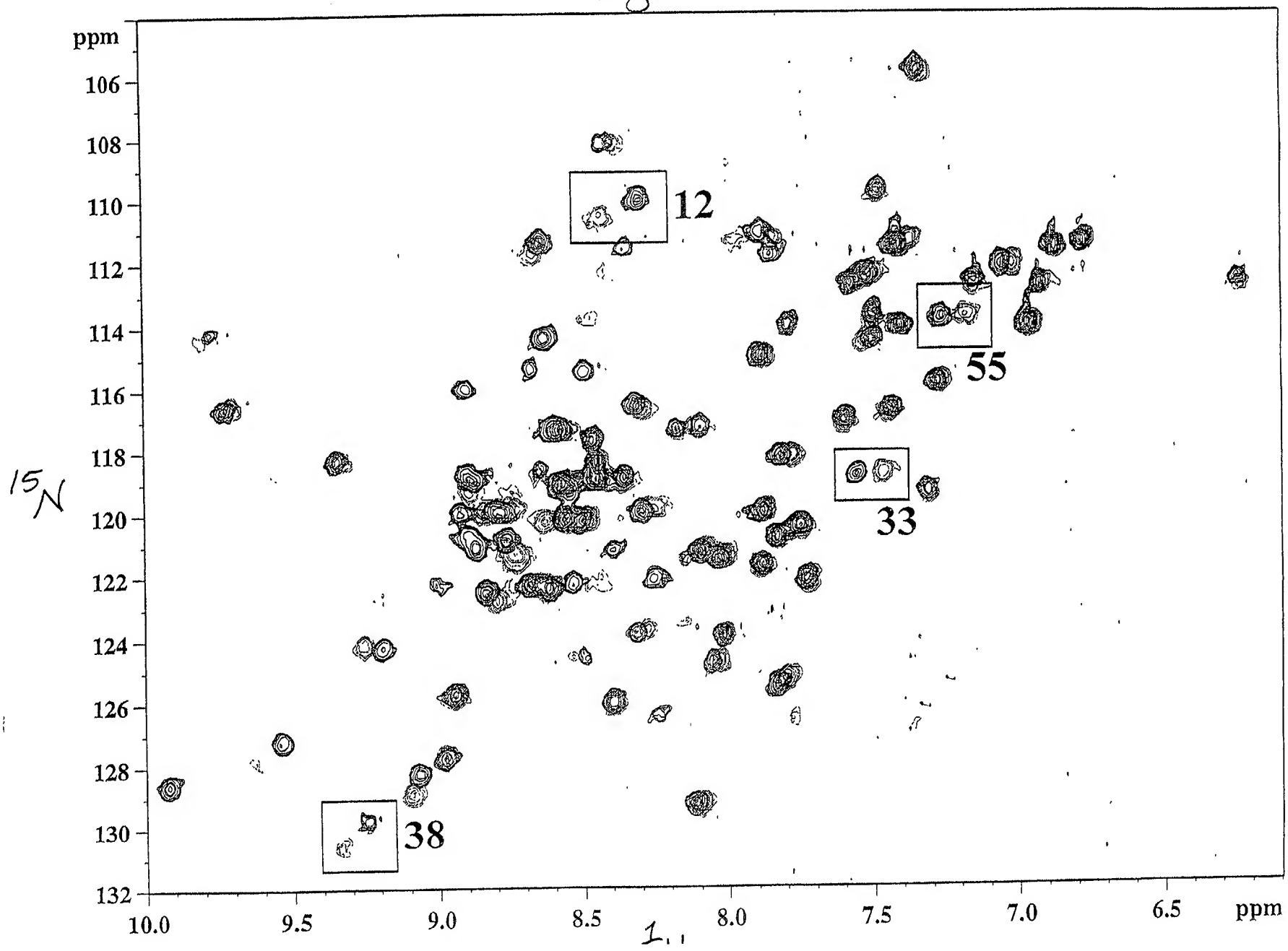

Figure 10.

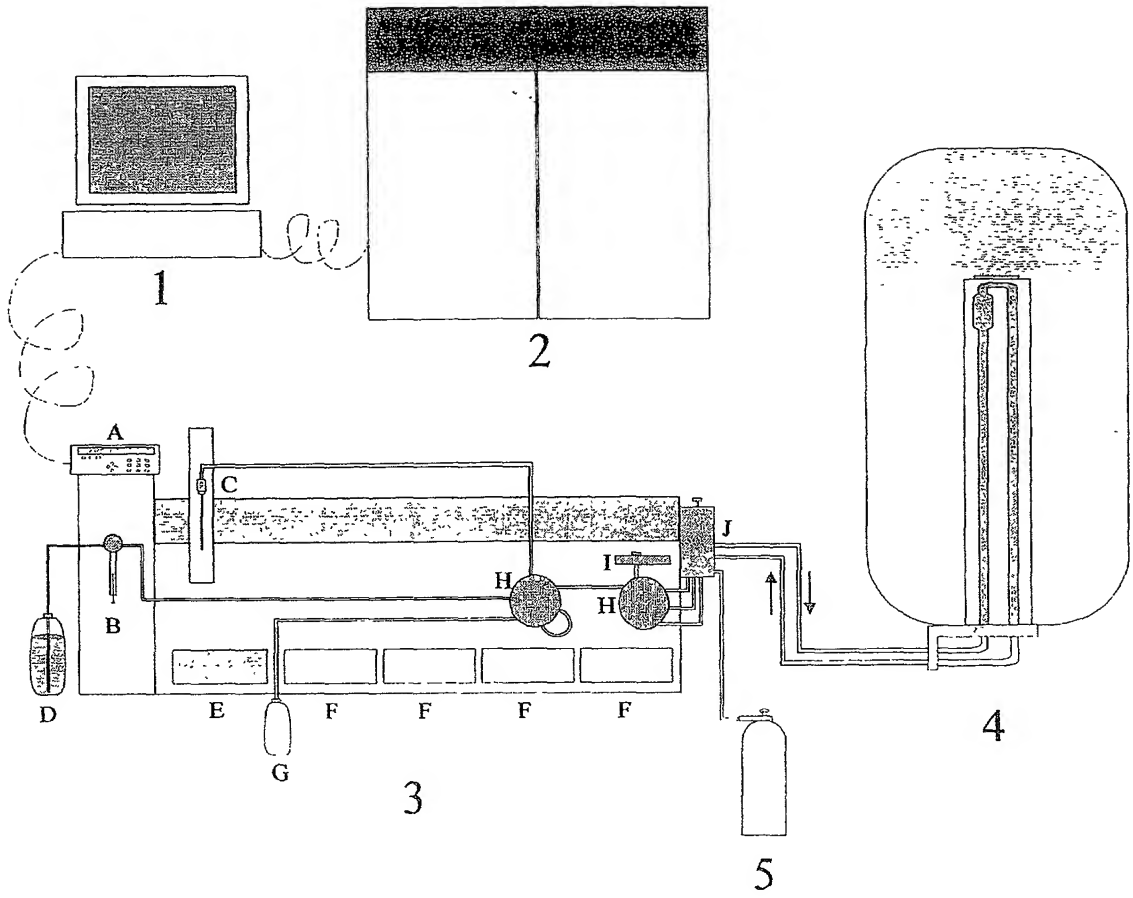

Figure 11.

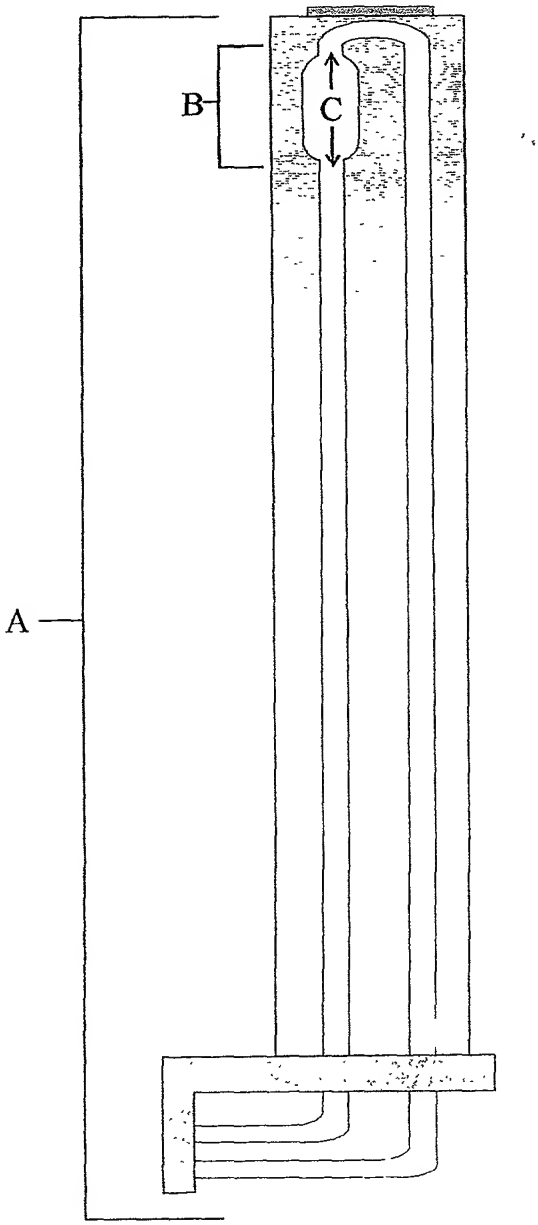

Figure 12.

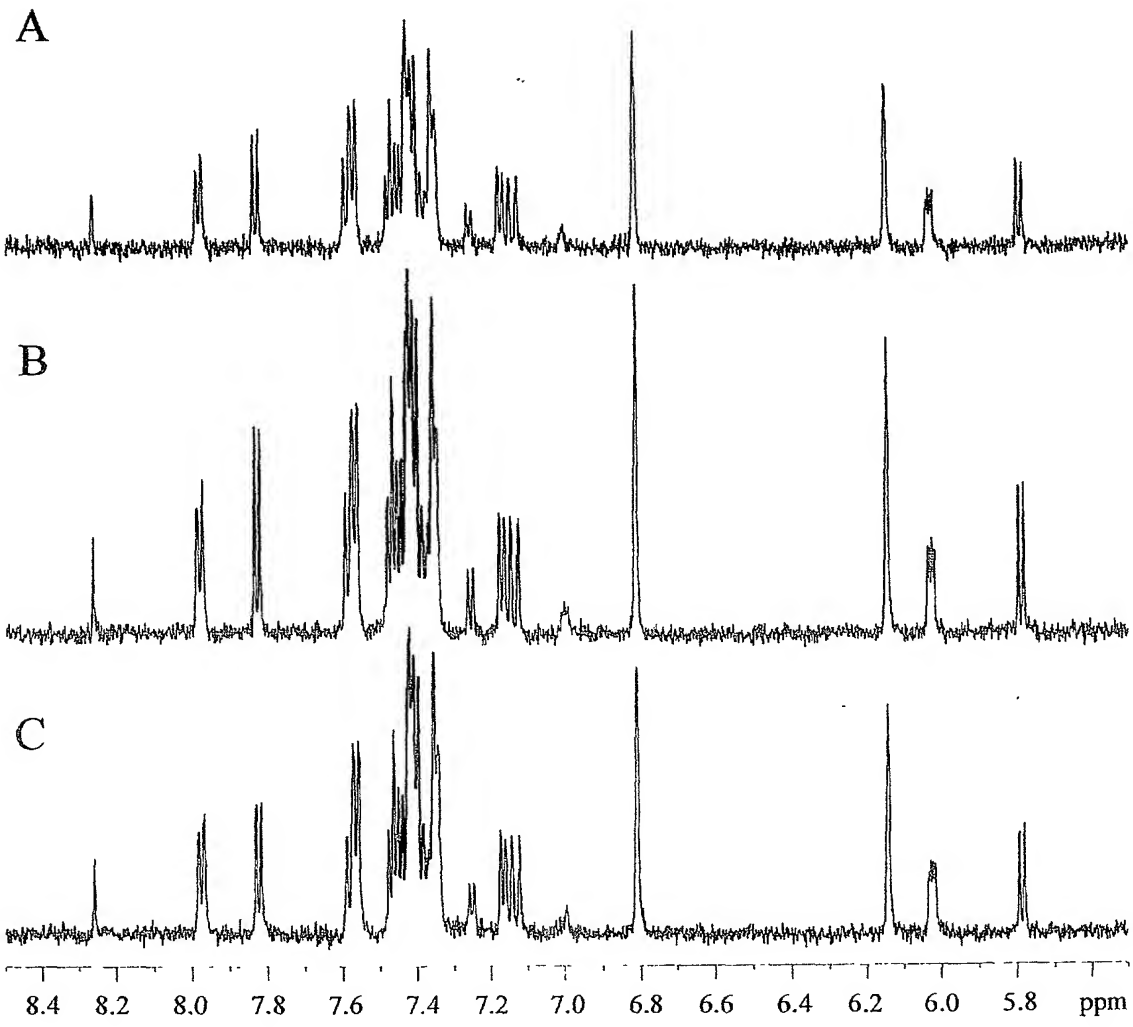

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Figure 13.

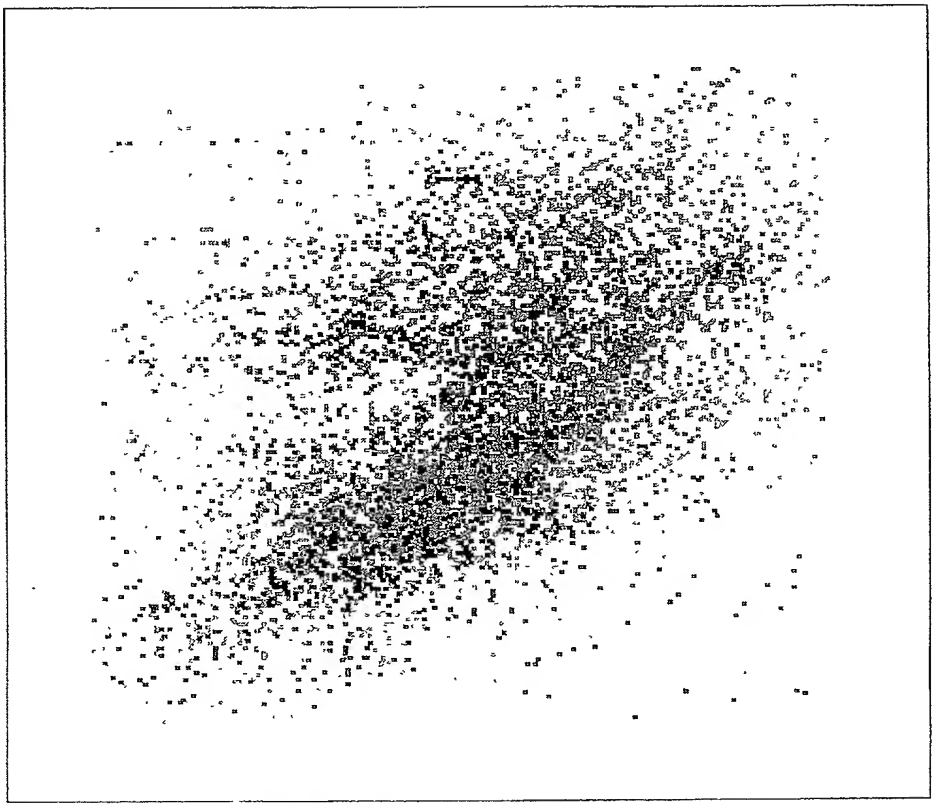


Figure 14.

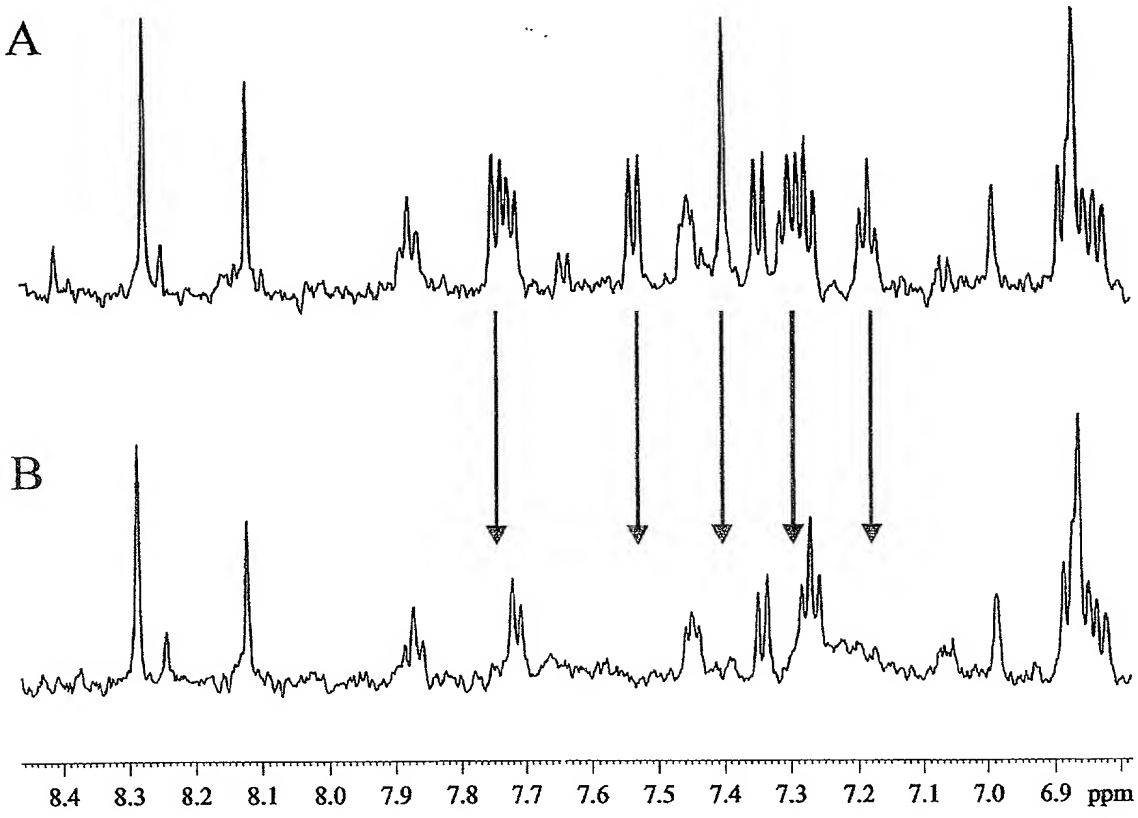


Figure 16

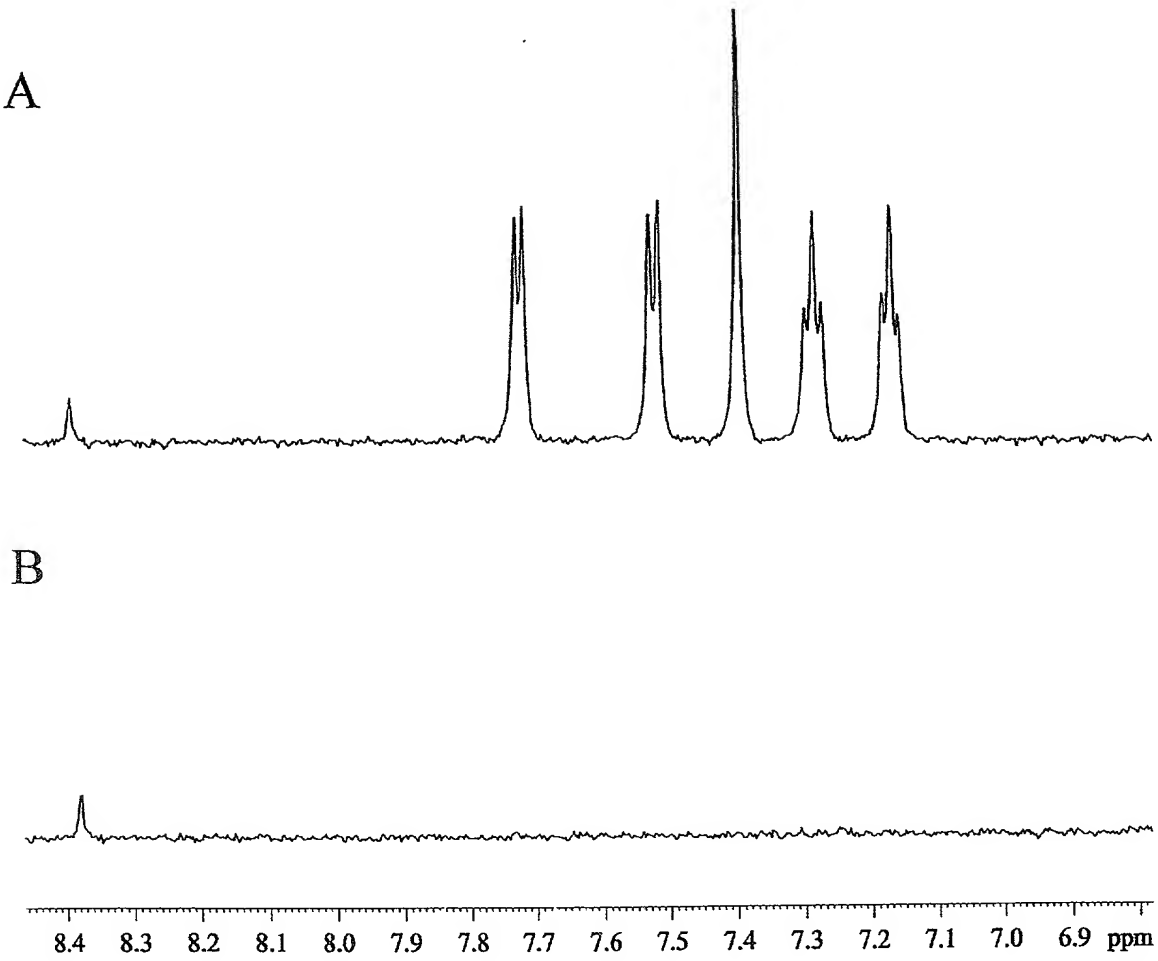
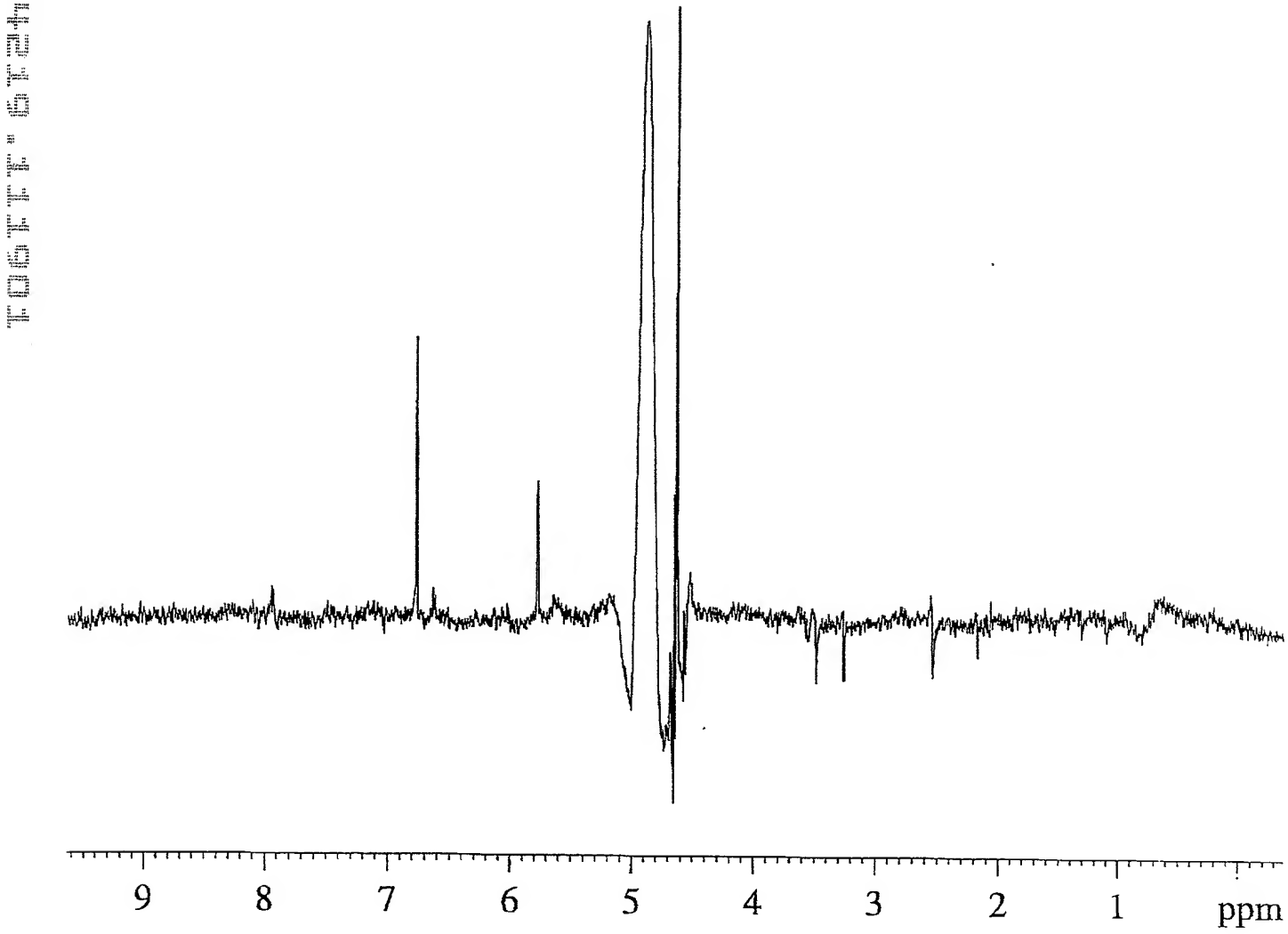


Figure 16



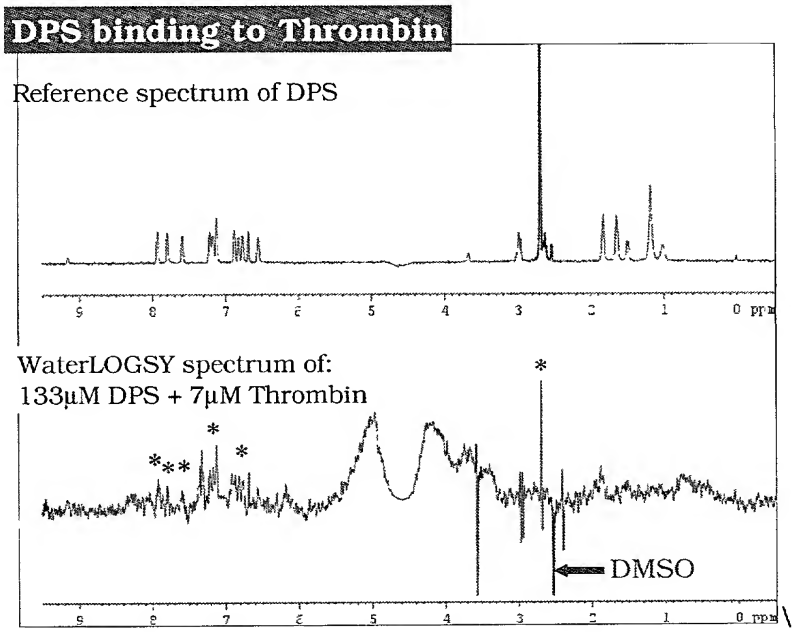

DPS binding to Thrombin
Reference spectrum of DPS
WaterLOGSY spectrum of:
133µM DPS + 7µM Thrombin
DMSO

Figure 17